Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015953.D
Acq On : 27 Jan 2015 20:15
Operator : TP/IZ
Sample : G1130-02
Misc : W
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRILLCUTTINGS

Quant Time: Jan 28 02:22:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 01:36:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	79803	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	305892	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	266182	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	736071	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1041330	20.00	ng	0.00
86) Perylene-d12	23.52	264	931173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	653775	122.00	ng	0.00
7) Phenol-d6	6.87	99	950118	110.02	ng	0.00
23) Nitrobenzene-d5	8.84	82	837345	78.91	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	669534	137.40	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1644869	96.96	ng	0.00
78) Terphenyl-d14	19.71	244	3386065	97.70	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.81	122	123	10.34	ng	# 29
53) 2,4-Dinitrophenol	14.46	184	397	4.68	ng	# 42
69) Pentachlorophenol	16.73	266	199	5.26	ng	# 17
76) Benzidine	19.33	184	1535	2.05	ng	# 64

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015953.D
Acq On : 27 Jan 2015 20:15
Operator : TP/IZ
Sample : G1130-02
Misc : W
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGS

Quant Time: Jan 28 02:22:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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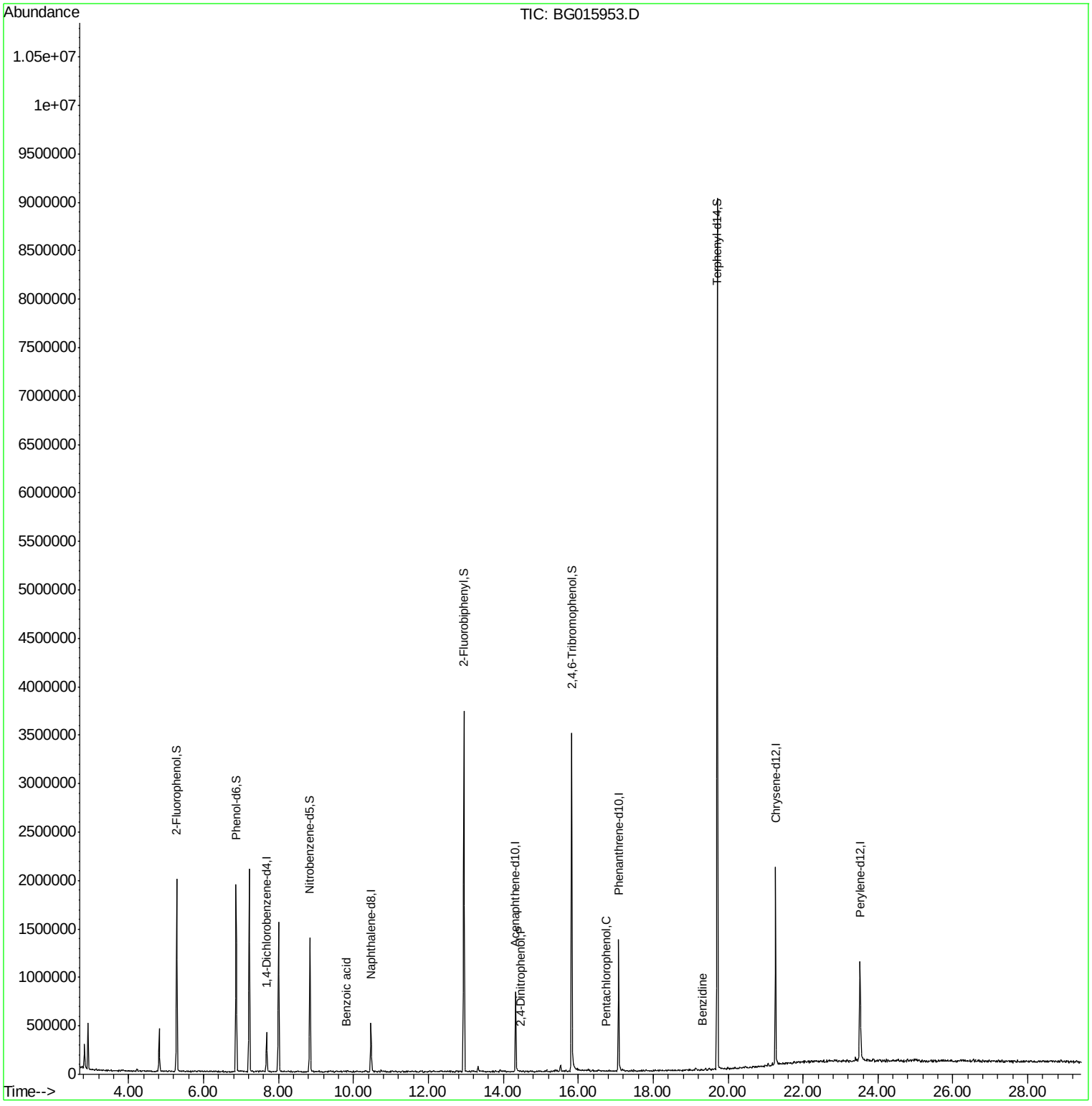
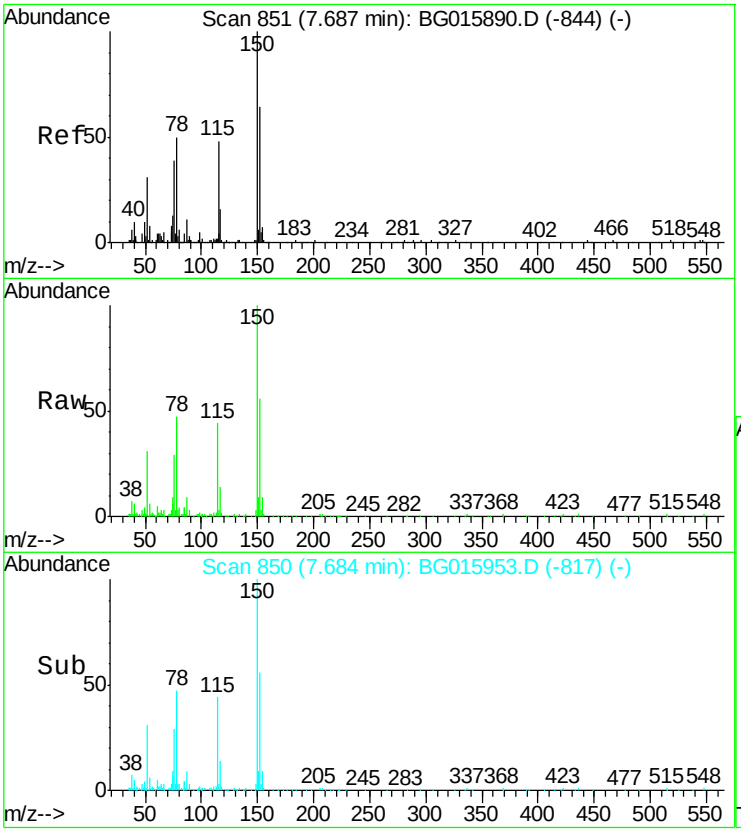


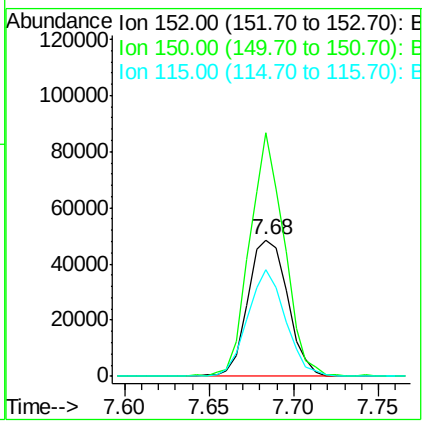


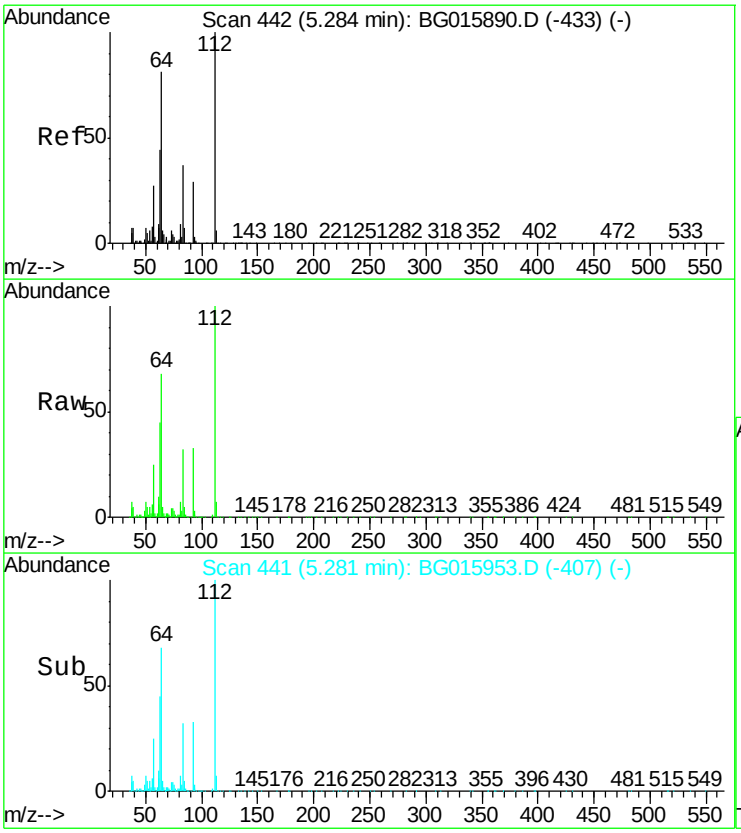
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGS

Tgt Ion:152 Resp: 79803

Ion	Ratio	Lower	Upper
152	100		
150	178.2	124.5	186.7
115	78.3	60.4	90.6

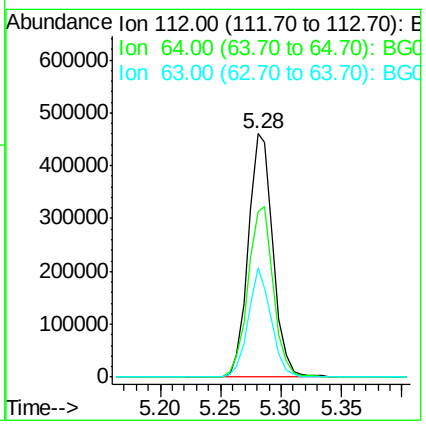


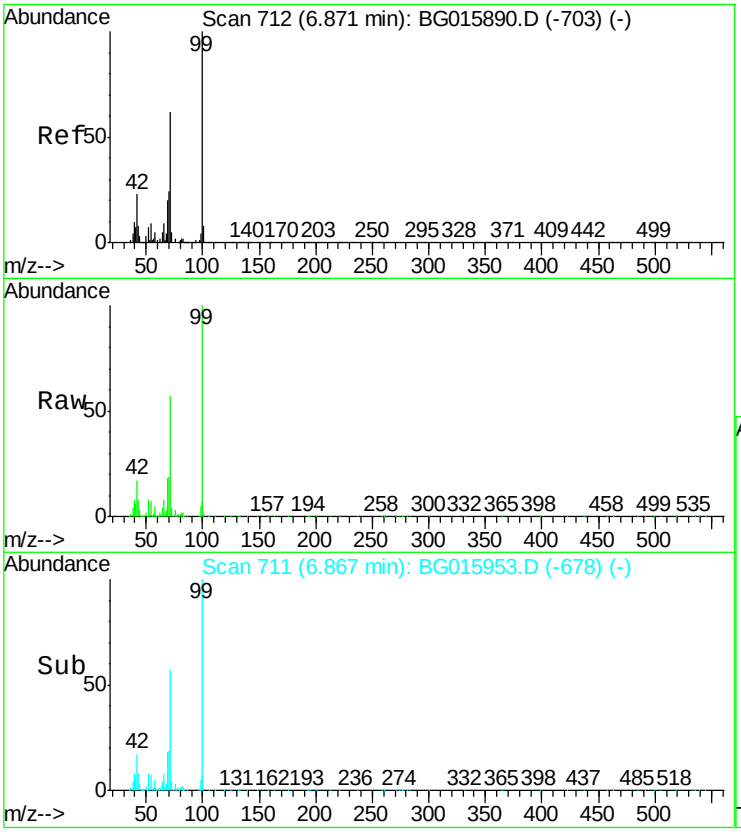


#5
2-Fluorophenol
Concen: 122.00 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Tgt Ion:112 Resp: 653775

Ion	Ratio	Lower	Upper
112	100		
64	67.8	64.4	96.6
63	44.8	35.1	52.7



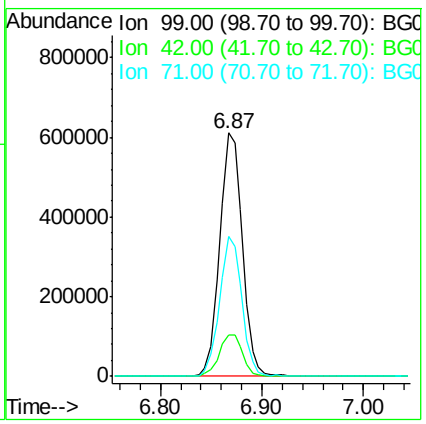


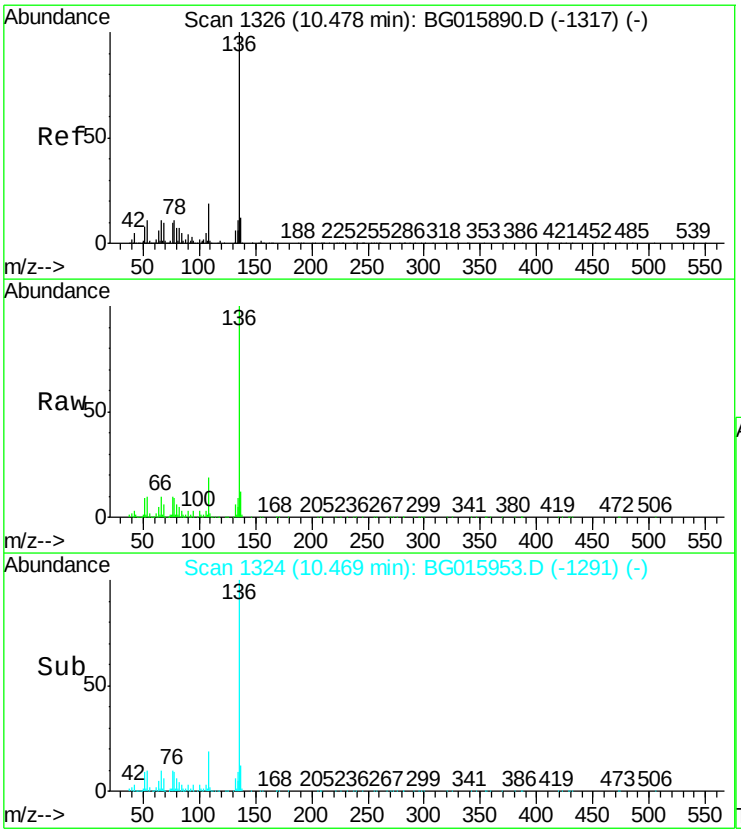
#7
Phenol-d6
Concen: 110.02 ng
RT: 6.87 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGS

Tgt Ion: 99 Resp: 950118

Ion	Ratio	Lower	Upper
99	100		
42	17.0	18.1	27.1#
71	57.3	49.8	74.8

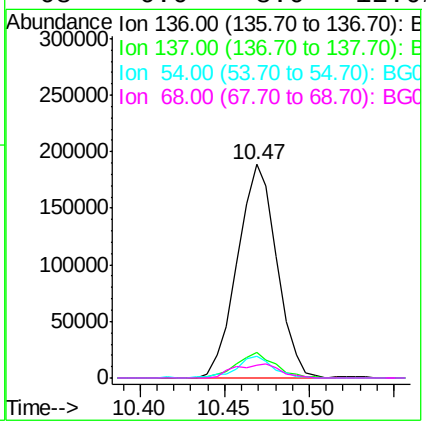


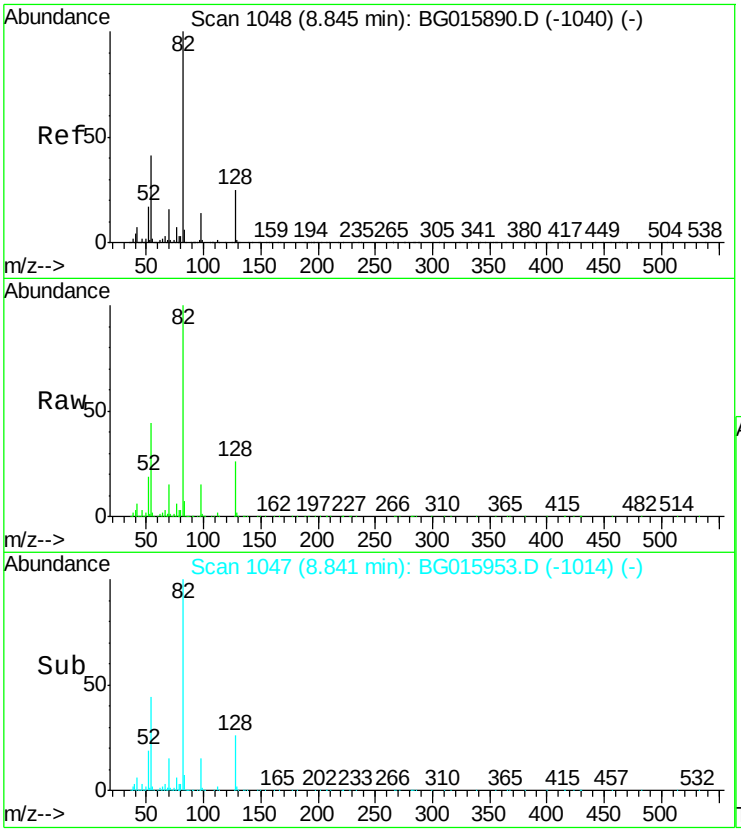


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Tgt Ion:136 Resp: 305892

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	10.2	8.5	12.7
68	6.0	8.0	12.0#



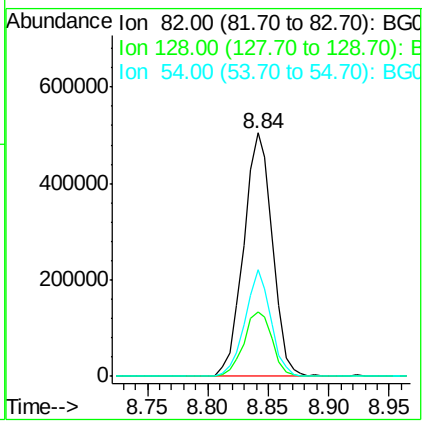


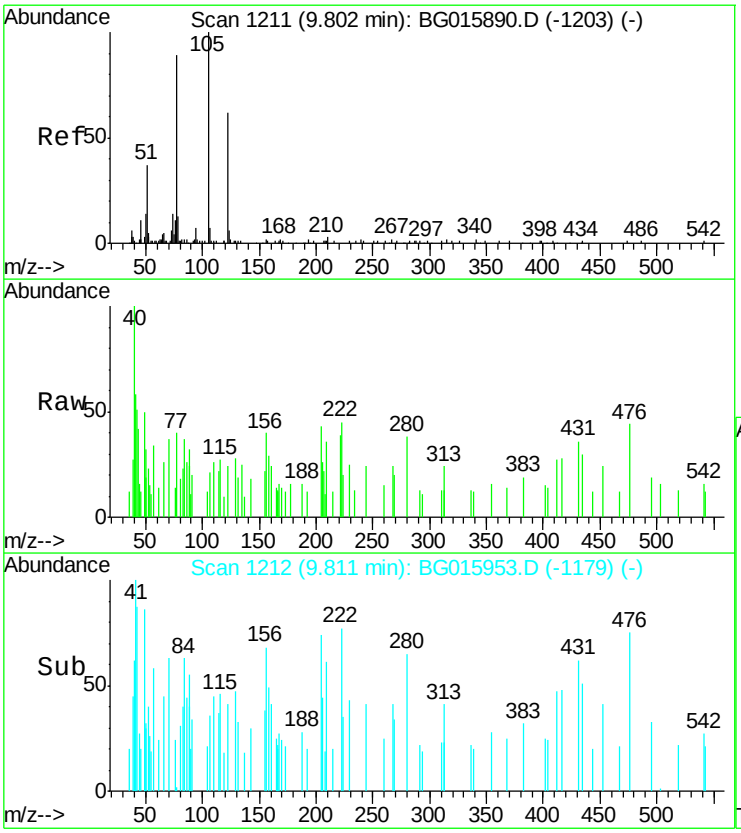
#23
Nitrobenzene-d5
Concen: 78.91 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGS

Tgt Ion: 82 Resp: 837345

Ion	Ratio	Lower	Upper
82	100		
128	26.5	19.8	29.8
54	43.6	33.0	49.4

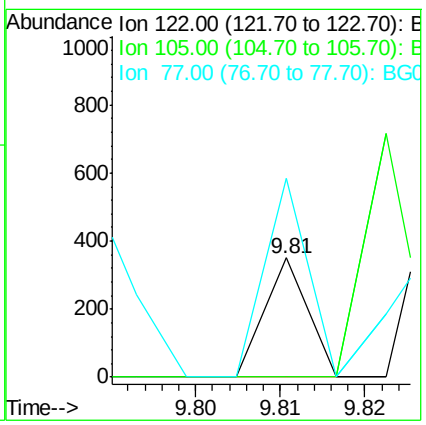


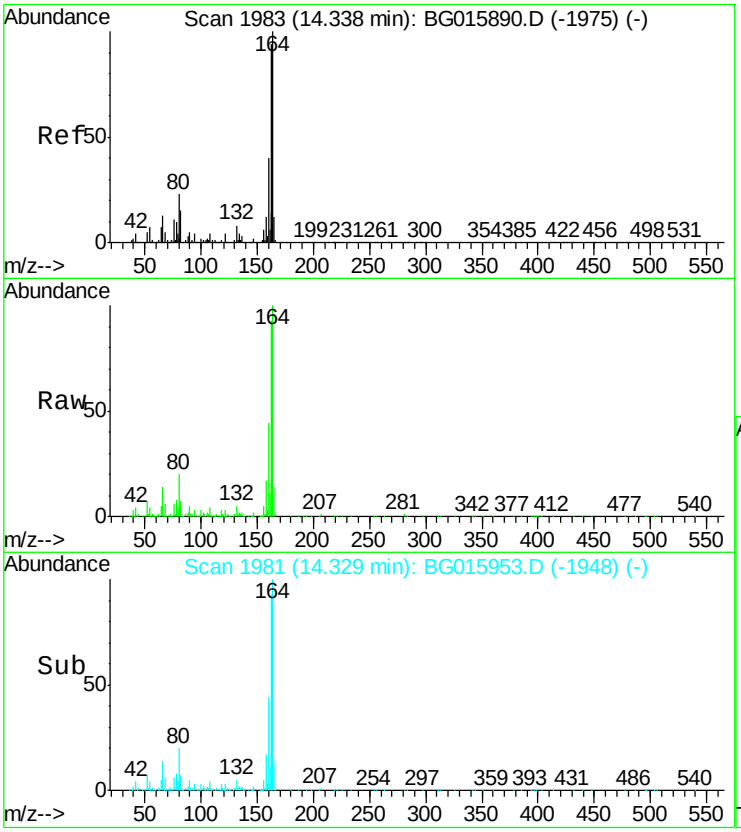


#32
Benzoic acid
Concen: 10.34 ng
RT: 9.81 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Tgt Ion:122 Resp: 123

Ion	Ratio	Lower	Upper
122	100		
105	0.0	140.2	180.2#
77	166.6	126.4	166.4#



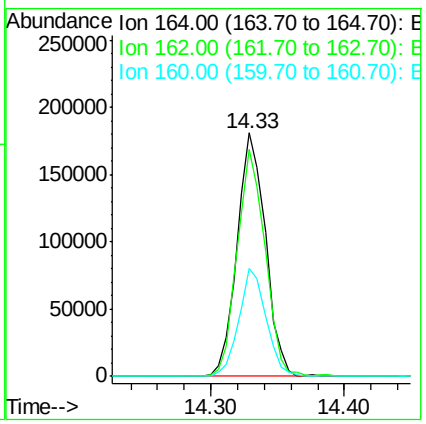


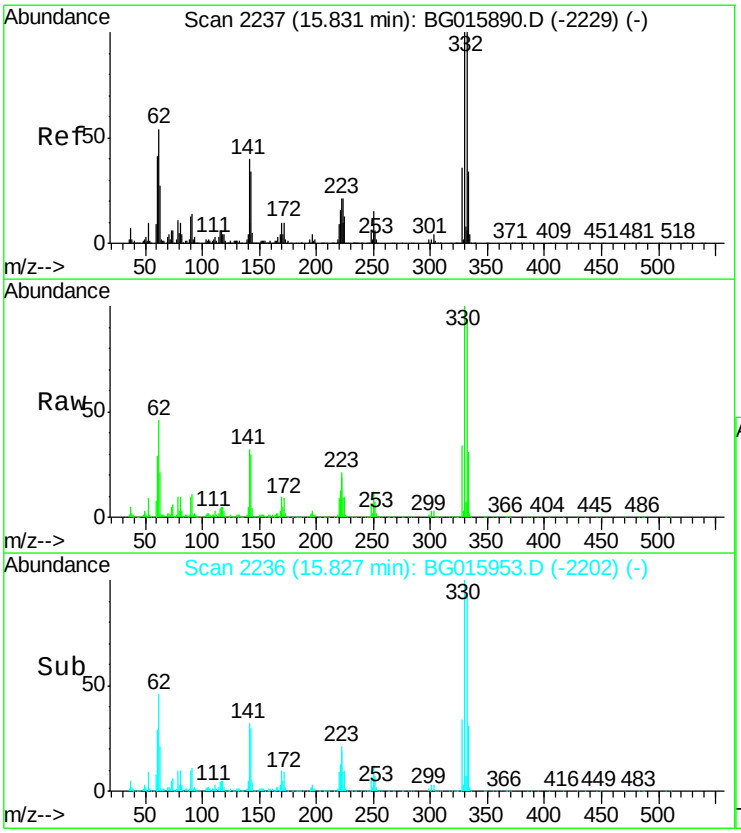
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGS

Tgt Ion:164 Resp: 266182

Ion	Ratio	Lower	Upper
164	100		
162	93.0	75.1	112.7
160	44.5	32.3	48.5

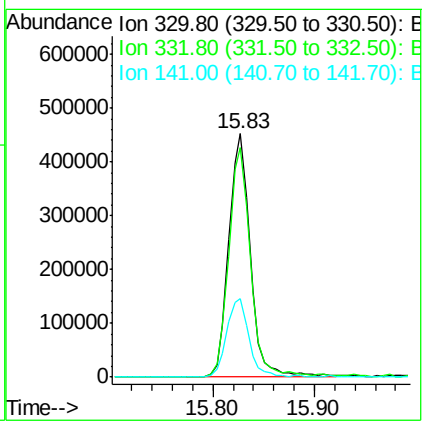


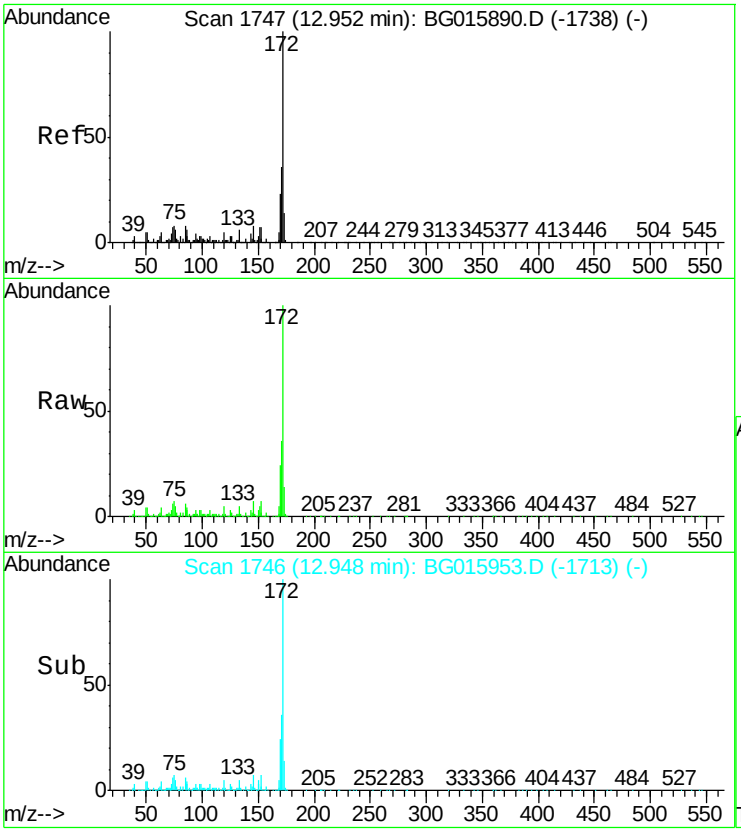


#41
2,4,6-Tribromophenol
Concen: 137.40 ng
RT: 15.83 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Tgt Ion:330 Resp: 669534

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.0
141	32.8	33.0	49.6#



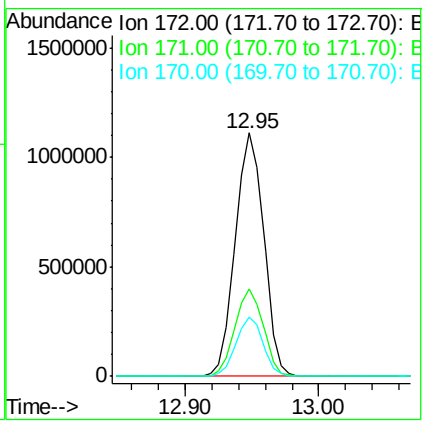


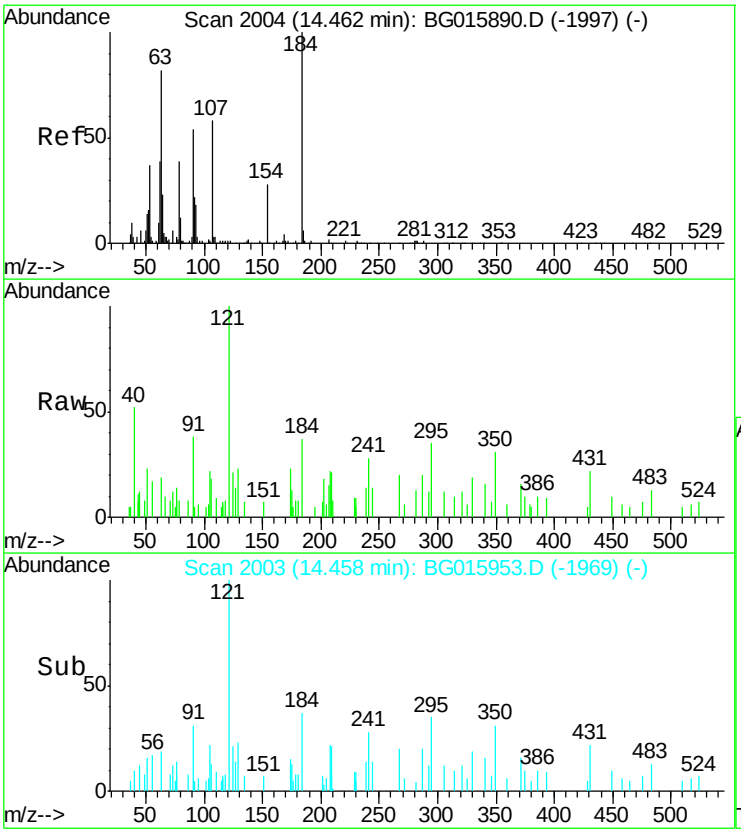
#44
2-Fluorobiphenyl
Concen: 96.96 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGS

Tgt Ion:172 Resp: 1644869

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	24.5	18.6	27.8

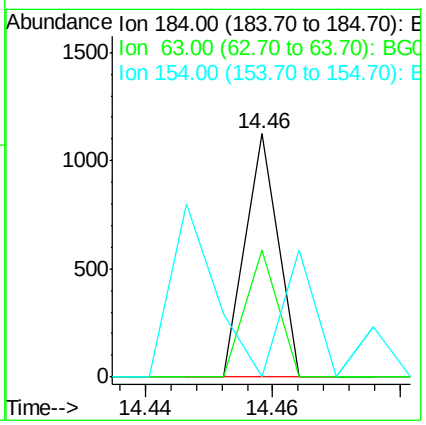


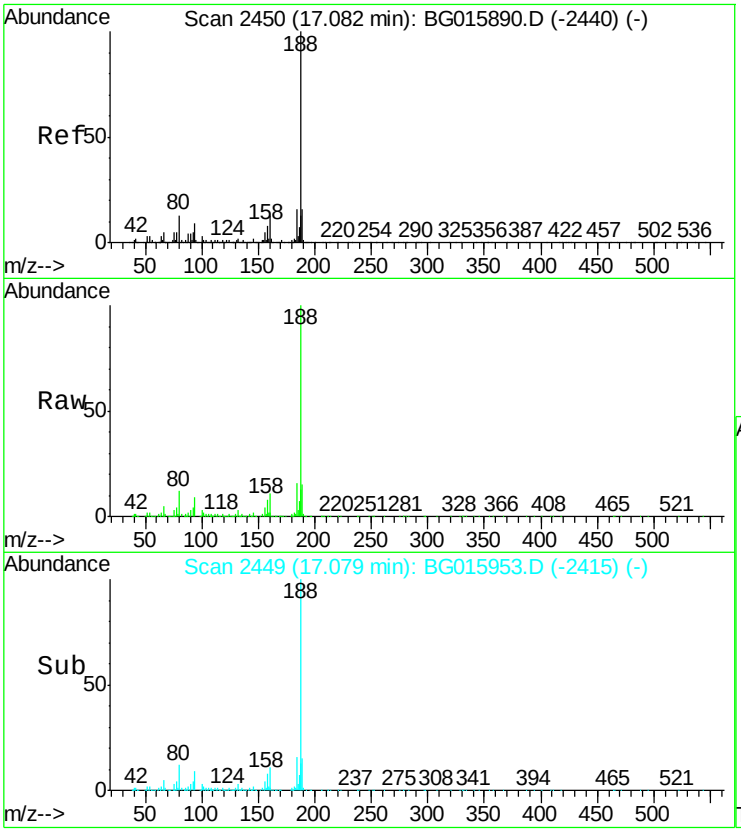


#53
2,4-Dinitrophenol
Concen: 4.68 ng
RT: 14.46 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Tgt Ion:184 Resp: 397

Ion	Ratio	Lower	Upper
184	100		
63	52.1	68.6	103.0#
154	0.0	54.9	82.3#



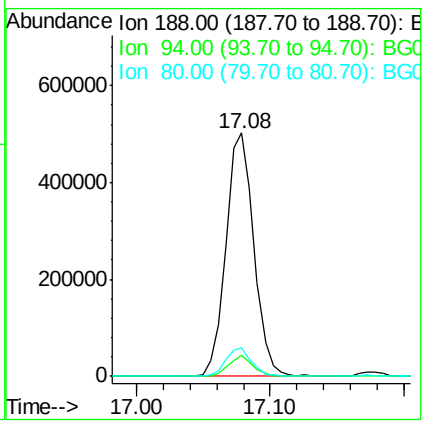


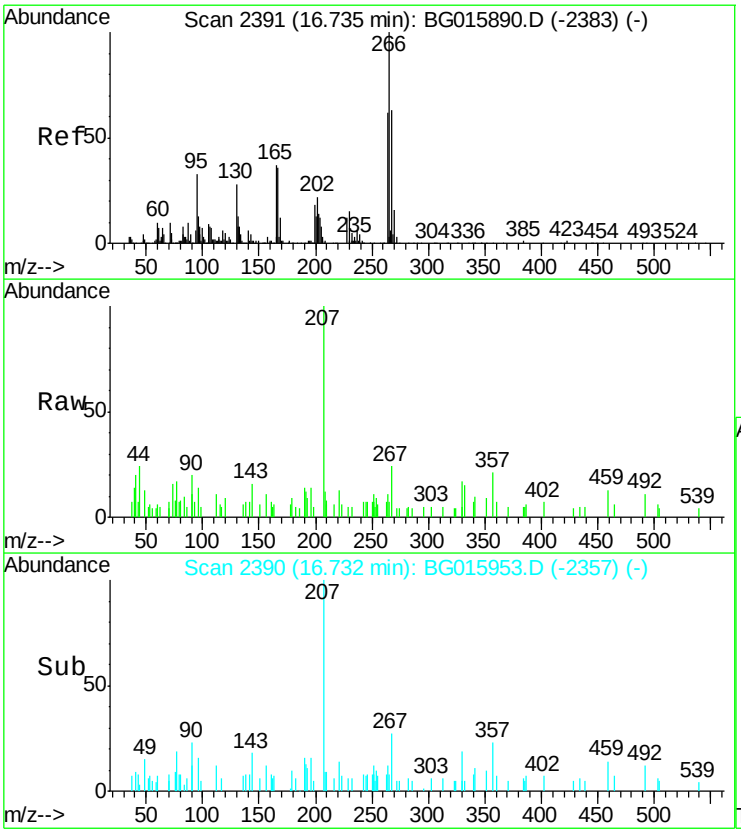
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGS

Tgt Ion:188 Resp: 736071

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.8	11.8
80	12.0	10.6	16.0

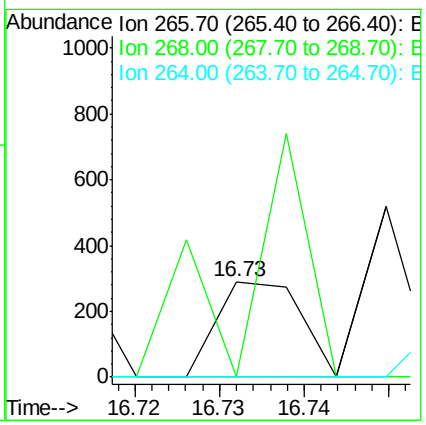


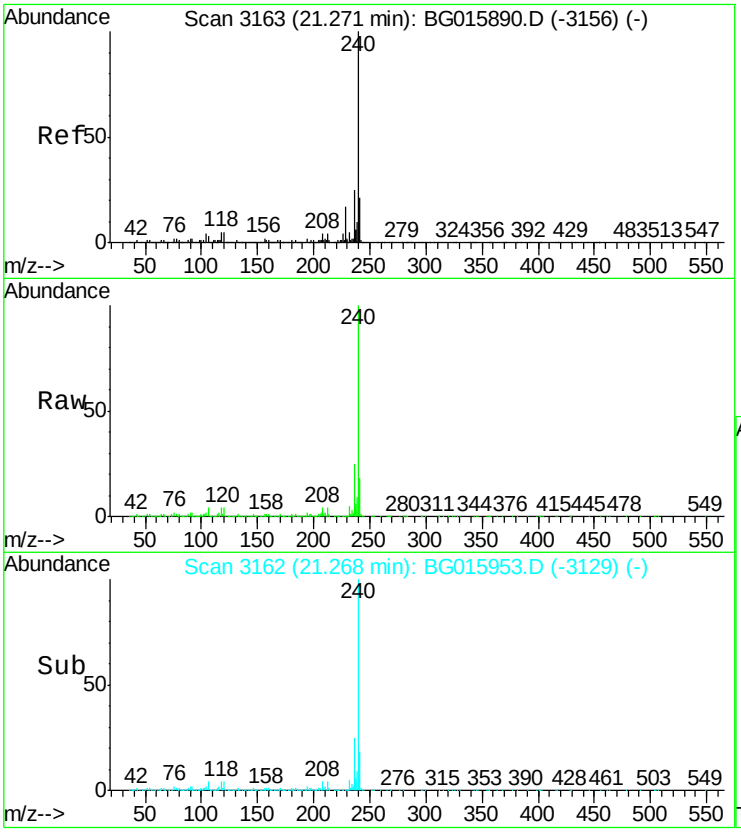


#69
Pentachlorophenol
Concen: 5.26 ng
RT: 16.73 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Tgt Ion:266 Resp: 199

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.5	80.3#
264	0.0	51.9	77.9#



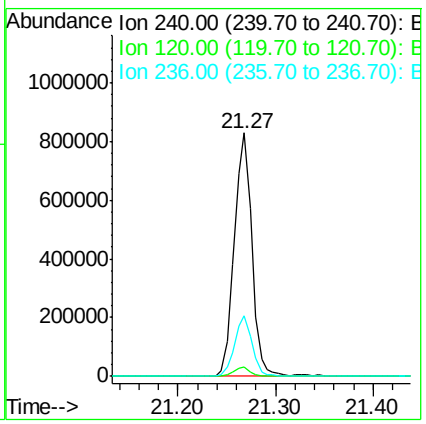


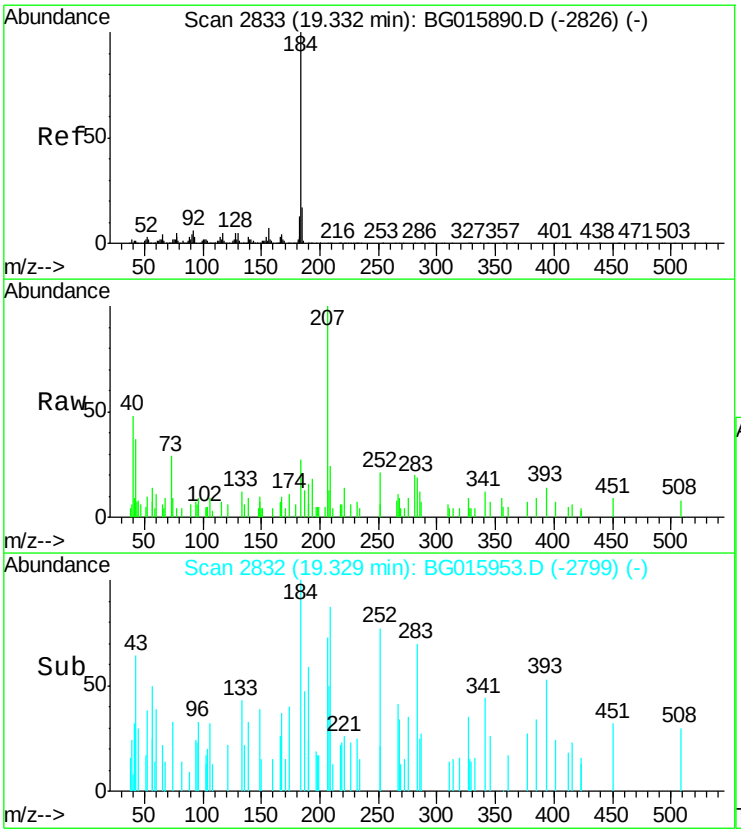
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGS

Tgt Ion:240 Resp: 1041330

Ion	Ratio	Lower	Upper
240	100		
120	3.8	3.9	5.9#
236	24.8	20.0	30.0

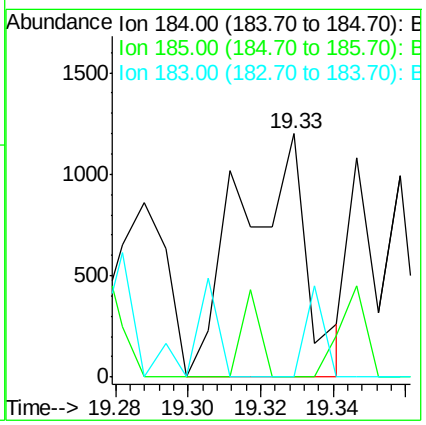


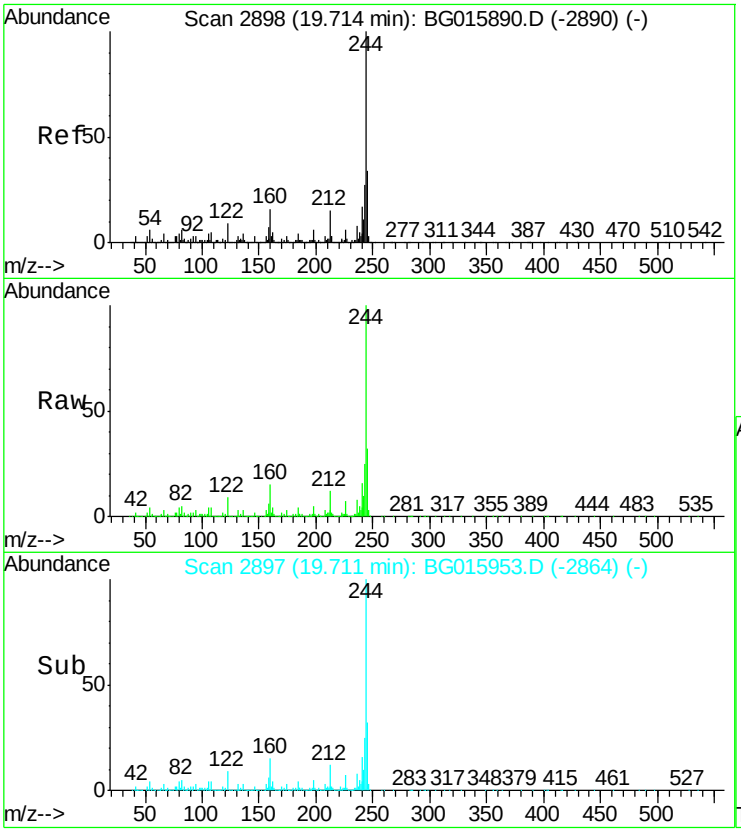


#76
Benzidine
Concen: 2.05 ng
RT: 19.33 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Tgt Ion:184 Resp: 1535

Ion	Ratio	Lower	Upper
184	100		
185	0.0	13.3	19.9#
183	0.0	10.1	15.1#



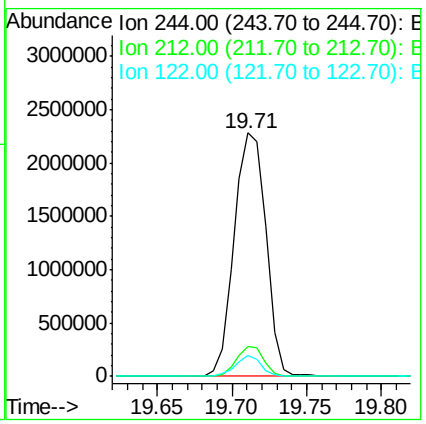


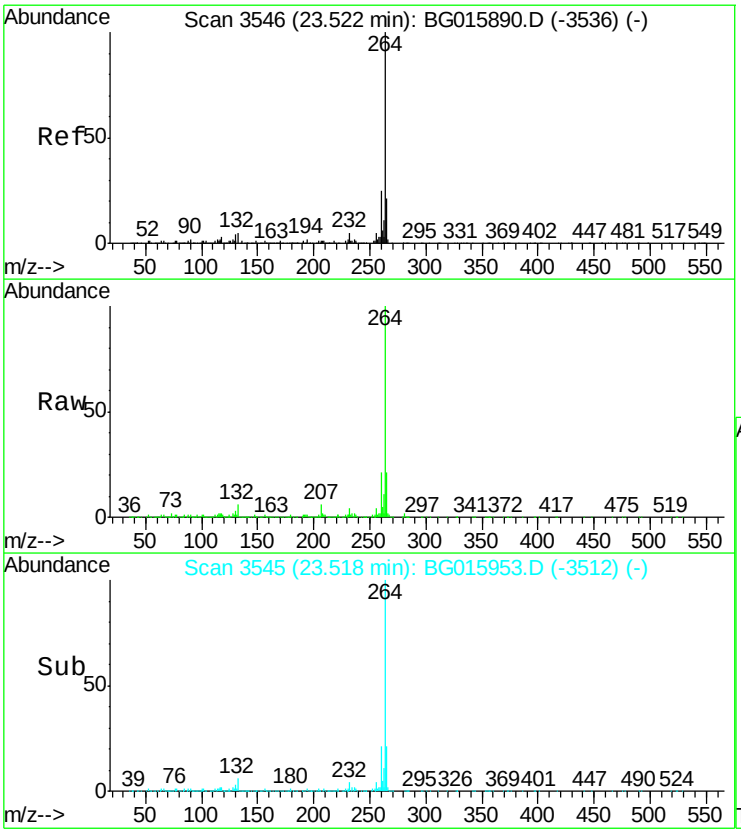
#78
Terphenyl-d14
Concen: 97.70 ng
RT: 19.71 min Scan# 2897
Delta R.T. -0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGS

Tgt Ion:244 Resp: 3386065

Ion	Ratio	Lower	Upper
244	100		
212	12.4	11.6	17.4
122	8.8	7.0	10.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3545
Delta R.T. -0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Tgt Ion:264 Resp: 931173

Ion	Ratio	Lower	Upper
264	100		
260	21.4	19.7	29.5
265	21.1	17.3	25.9